

Project Summary - 10

Installation of C.R.I. 5 HP Solar Pumping System



C.R.I. PUMPS
Pumping trust. Worldwide.



Customer name: Mr. Meenakshi Baladhandayutham

Location

Geo location: Tanjore, Tamilnadu
Latitude: 10.7825 N,
Longitude : 79.1313 E



System Components

- 250Wp x 21 Nos. ** (5250Wp) Multi-Crystalline Solar PV Modules
- 5 HP ABB Solar Pump Control Unit
- Fixed Tilt Ground Mounted Module Mounting Structures, North to South (Solar PV module Top to Bottom)
- SR65 5HP / 10 STAGE Pumpset 3 Phase, 380 V, 50 Hz
- Area occupied: 31 Sq. meters of shadow free area
- Tilt Degree: 10° as per the Geo location of the installation

Results

- 3 LPS, 10,800 LPH, 59,400LPD* at 75 m* of Total Dynamic Head.
- Per year Running Cost by EB Grid Supply :
Rs.68,062/=* Payback period 7-8 Years*
- Per year Running Cost by Diesel Genset /
Diesel Pumpset: Rs.97,200/=* Payback period 2-3
Years*
- Investment for a 5 HP Solar Pumping System:
Rs.4,60,999/-*

* Conditions apply



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